



ENTERED PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/889,480

DATE: 03/22/2002
TIME: 11:41:32

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\03222002\I889480.raw

3 <110> APPLICANT: CENTRO DE INMUNOLOGIA MOLECULAR
 4 MATEO DE ACOSTA DEL RIO, Maria Cristina
 5 ROQUE NAVARRO, Lourdes Tatiana
 6 MORALES MORALES, Alejo
 7 PEREZ RODRIGUEZ, Rolando
 8 AYALA AVILA, Marta
 9 GAVILONDO COWLEY, Jorge Victor
 10 DUENAS PORTO, Marta
 11 BELL GARCIA, Hanssel
 12 RENGIFO CALZADO, Enrique
 13 IZNAGA ESCOBAR, Normando
 14 RAMOS ZUZARTE, Mayra
 16 <120> TITLE OF INVENTION: ANTIBODIES AND Fv FRAGMENT THAT RECOGNIZE Ior C2 ANTIGEN.
 W--> 17 <130> FILE REFERENCE: CIM
 C--> 18 <140> CURRENT APPLICATION NUMBER: US/09/889,480
 C--> 18 <141> CURRENT FILING DATE: 2001-09-20
 18 <150> PRIOR APPLICATION NUMBER: PCT/CU00/00004
 19 <151> PRIOR FILING DATE: 2000-11-16
 W--> 20 <160> NUMBER OF SEQ ID: 14
 21 <170> SOFTWARE: PatentIn Ver. 2.0
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 6
 25 <212> TYPE: PRT
 26 <213> ORGANISM: mammalian
 W--> 27 <220> FEATURE:
 28 <221> NAME/KEY: DOMAIN
 29 <222> LOCATION: (1)..(6)
 30 <223> OTHER INFORMATION: CDR1 OF THE HEAVY CHAIN RECOMBINANT ANTIBODY AND scFv
 FRAGMENT
 32 <400> SEQUENCE: 1
 33 Ser Ala Tyr Asn Trp His
 34 1 5
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 16
 38 <212> TYPE: PRT
 39 <213> ORGANISM: mammalian
 W--> 40 <220> FEATURE:
 41 <221> NAME/KEY: DOMAIN
 42 <222> LOCATION: (1)..(16)
 43 <223> OTHER INFORMATION: CDR2 OF THE HEAVY CHAIN RECOMBINANT ANTIBODY AND scFv
 FRAGMENT
 45 <400> SEQUENCE: 2
 46 Tyr Ile Ser Tyr Asn Gly Thr Thr Ser Tyr Asn Pro Ser Leu Lys Ser
 47 1 5 10 15

49 <210> SEQ ID NO: 3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/889,480

DATE: 03/22/2002
TIME: 11:41:32

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\03222002\I889480.raw

50 <211> LENGTH: 9
51 <212> TYPE: PRT
52 <213> ORGANISM: mammalian
W--> 53 <220> FEATURE:
54 <221> NAME/KEY: DOMAIN
55 <222> LOCATION: (1)..(9)
56 <223> OTHER INFORMATION: CDR3 OF THE HEAVY CHAIN RECOMBINANT ANTIBODY AND scFv
FRAGMENT
58 <400> SEQUENCE: 3
59 Asn Asp Glu Arg Ala Trp Phe Ala Tyr
60 1 5
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 16
64 <212> TYPE: PRT
65 <213> ORGANISM: mammalian
W--> 66 <220> FEATURE:
67 <221> NAME/KEY: DOMAIN
68 <222> LOCATION: (1)..(16)
69 <223> OTHER INFORMATION: CDR1 OF THE LIGHT CHAIN RECOMBINANT ANTIBODY AND scFv
FRAGMENT
71 <400> SEQUENCE: 4
72 Lys Ser Ser Gln Ser Leu Leu Asp Ser Asp Gly Lys Thr Tyr Leu Asn
73 1 5 10 15
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 7
77 <212> TYPE: PRT
78 <213> ORGANISM: mammalian
W--> 79 <220> FEATURE:
80 <221> NAME/KEY: DOMAIN
81 <222> LOCATION: (1)..(7)
82 <223> OTHER INFORMATION: CDR2 OF THE LIGHT CHAIN RECOMBINANT ANTIBODY AND scFv
FRAGMENT
84 <400> SEQUENCE: 5
85 Leu Val Ser Lys Leu Asp Ser
86 1 5
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 9
90 <212> TYPE: PRT
91 <213> ORGANISM: mammalian
W--> 92 <220> FEATURE:
93 <221> NAME/KEY: DOMAIN
94 <222> LOCATION: (1)..(9)
95 <223> OTHER INFORMATION: CDR3 OF THE LIGHT CHAIN RECOMBINANT ANTIBODY AND scFv
FRAGMENT
98 <400> SEQUENCE: 6
99 Trp Gln Gly Thr His Phe Pro His Thr
100 1 5
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 30
105 <212> TYPE: PRT
106 <213> ORGANISM: mammalian
W--> 107 <220> FEATURE:
108 <221> NAME/KEY: DOMAIN

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/889,480

DATE: 03/22/2002
TIME: 11:41:32

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\03222002\I889480.raw

109 <222> LOCATION: (1)..(30)
110 <223> OTHER INFORMATION: FR1 OF THE HEAVY CHAIN CHIMERIC ANTIBODY AND scFv FRAGMENT
112 <400> SEQUENCE: 7
113 Asp Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
114 1 5 10 15
116 Thr Leu Ser Leu Thr Cys Thr Val Thr Gly Tyr Ser Ile Thr
117 20 25 30
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 14
122 <212> TYPE: PRT
123 <213> ORGANISM: mammalian
W--> 124 <220> FEATURE:
125 <221> NAME/KEY: DOMAIN
126 <222> LOCATION: (1)..(14)
127 <223> OTHER INFORMATION: FR2 OF THE HEAVY CHAIN CHIMERIC ANTIBODY AND scFv FRAGMENT
129 <400> SEQUENCE: 8
130 Trp Ile Arg Gln Phe Pro Gly Lys Gly Leu Glu Trp Met Gly
131 1 5 10
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 32
135 <212> TYPE: PRT
136 <213> ORGANISM: mammalian
W--> 137 <220> FEATURE:
138 <221> NAME/KEY: DOMAIN
139 <222> LOCATION: (1)..(32)
140 <223> OTHER INFORMATION: FR3 OF THE HEAVY CHAIN CHIMERIC ANTIBODY AND scFv FRAGMENT
142 <400> SEQUENCE: 9
143 Arg Ile Ser Ile Thr Arg Asp Thr Ser Lys Asn Gln Phe Phe Leu Gln
144 1 5 10 15
146 Leu Asn Ser Val Thr Thr Glu Asp Thr Ala Thr Tyr Tyr Cys Ala Arg
147 20 25 30
149 <210> SEQ ID NO: 10
150 <211> LENGTH: 11
151 <212> TYPE: PRT
152 <213> ORGANISM: mammalian
W--> 153 <220> FEATURE:
154 <221> NAME/KEY: DOMAIN
155 <222> LOCATION: (1)..(11)
156 <223> OTHER INFORMATION: FR4 OF THE HEAVY CHAIN CHIMERIC ANTIBODY AND scFv FRAGMENT
158 <400> SEQUENCE: 10
159 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala
160 1 5 10
162 <210> SEQ ID NO: 11
163 <211> LENGTH: 23
164 <212> TYPE: PRT
165 <213> ORGANISM: mammalian
W--> 166 <220> FEATURE:
167 <221> NAME/KEY: DOMAIN
168 <222> LOCATION: (1)..(23)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/889,480

DATE: 03/22/2002
TIME: 11:41:32

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\03222002\I889480.raw

169 <223> OTHER INFORMATION: FR1 OF THE LIGHT CHAIN CHIMERIC ANTIBODY AND scFv FRAGMENT

171 <400> SEQUENCE: 11

172 Asp Trp Trp Met Thr Gln Thr Pro Leu Thr Leu Ser Val Thr Leu Gly
173 1 5 10 15

175 Gln Pro Ala Ser Ile Ser Cys

176 20

178 <210> SEQ ID NO: 12

179 <211> LENGTH: 15

180 <212> TYPE: PRT

181 <213> ORGANISM: mammalian

W--> 182 <220> FEATURE:

183 <221> NAME/KEY: DOMAIN

184 <222> LOCATION: (1)..(15)

185 <223> OTHER INFORMATION: FR2 OF THE LIGHT CHAIN CHIMERIC ANTIBODY AND scFv FRAGMENT

187 <400> SEQUENCE: 12

188 Trp Leu Leu Gln Arg Pro Gly Gln Ser Pro Arg Arg Leu Ile Tyr
189 1 5 10 15

192 <210> SEQ ID NO: 13

193 <211> LENGTH: 32

194 <212> TYPE: PRT

195 <213> ORGANISM: mammalian

W--> 196 <220> FEATURE:

197 <221> NAME/KEY: DOMAIN

198 <222> LOCATION: (1)..(32)

199 <223> OTHER INFORMATION: FR3 OF THE LIGHT CHAIN CHIMERIC ANTIBODY AND scFv FRAGMENT

203 <400> SEQUENCE: 13

204 Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Ala
205 1 5 10 15

207 Leu Lys Ile Arg Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr Cys
208 20 25 30

211 <210> SEQ ID NO: 14

212 <211> LENGTH: 17

213 <212> TYPE: PRT

214 <213> ORGANISM: mammalian

W--> 215 <220> FEATURE:

216 <221> NAME/KEY: DOMAIN

217 <222> LOCATION: (1)..(17)

218 <223> OTHER INFORMATION: FR4 OF THE LIGHT CHAIN CHIMERIC ANTIBODY AND scFv FRAGMENT

221 <400> SEQUENCE: 14

222 Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Lys Ser Thr Leu Thr
223 1 5 10 15

225 Gly

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/889,480

DATE: 03/22/2002
TIME: 11:41:33

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\03222002\I889480.raw

L:17 M:283 W: Missing Blank Line separator, <130> field identifier
L:18 M:270 C: Current Application Number differs, Replaced Current Application No
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:20 M:283 W: Missing Blank Line separator, <160> field identifier
L:27 M:283 W: Missing Blank Line separator, <220> field identifier
L:40 M:283 W: Missing Blank Line separator, <220> field identifier
L:53 M:283 W: Missing Blank Line separator, <220> field identifier
L:66 M:283 W: Missing Blank Line separator, <220> field identifier
L:79 M:283 W: Missing Blank Line separator, <220> field identifier
L:92 M:283 W: Missing Blank Line separator, <220> field identifier
L:107 M:283 W: Missing Blank Line separator, <220> field identifier
L:124 M:283 W: Missing Blank Line separator, <220> field identifier
L:137 M:283 W: Missing Blank Line separator, <220> field identifier
L:153 M:283 W: Missing Blank Line separator, <220> field identifier
L:166 M:283 W: Missing Blank Line separator, <220> field identifier
L:182 M:283 W: Missing Blank Line separator, <220> field identifier
L:196 M:283 W: Missing Blank Line separator, <220> field identifier
L:215 M:283 W: Missing Blank Line separator, <220> field identifier